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(54) **Title:** ANTIOXIDANT FOR FATS, OILS AND FOOD

(57) **Abstract:** A combination of one or more compounds selected from the group consisting of 3-arylbenzofuranones, long chain N,N-dialkylhydroxylamines, substituted hydroxylamines, nitrones, and amine oxides are highly effective antioxidants for use with edible organic substances subject to deterioration by oxidation.